

**To:** Black, Ned[Black.Ned@epa.gov]; Turner, Philip[Turner.Philip@epa.gov]; OBrien, Wendy[OBrien.Wendy@epa.gov]; Rauscher, Jon[Rauscher.Jon@epa.gov]; Wall, Dan[wall.dan@epa.gov]; McKean, Deborah[mckean.deborah@epa.gov]; Hiatt, Gerald[Hiatt.Gerald@epa.gov]  
**From:** Keteles, Kristen  
**Sent:** Mon 8/10/2015 9:00:22 PM  
**Subject:** RE: King Gold - EU call Screening levels

Right.

**From:** Black, Ned  
**Sent:** Monday, August 10, 2015 2:57 PM  
**To:** Keteles, Kristen; Turner, Philip; OBrien, Wendy; Rauscher, Jon; Wall, Dan; McKean, Deborah; Hiatt, Gerald  
**Subject:** RE: King Gold - EU call Screening levels

So "Water and Fish" should NOT be under "Ecological" as it is a HH screening level.

ned black, ph.d.

us epa r9

regional cercla ecologist

415-972-3055

Please be advised I currently have limited access to email when I am not in the office (e.g., on travel), therefore please be patient with any communication delays.

**From:** Keteles, Kristen  
**Sent:** Monday, August 10, 2015 1:44 PM  
**To:** Turner, Philip; OBrien, Wendy; Rauscher, Jon; Wall, Dan; Black, Ned; McKean, Deborah  
**Subject:** RE: King Gold - EU call

The sediment eco values are PECs taken from MacDonald et al.

The "Water + Fish" and "Fish Ingestion" are from OWs National Recommended Water Quality Criteria Human Health Criteria for consumption of "Water + Organism" and "Organism only". The values that OW calls Human Health Consumption of "Organism only", Colorado calls "Fish Ingestion". Other than Arsenic, the values are the same and the intent is the same.

These values can be found at

<http://water.epa.gov/scitech/swguidance/standards/current/index.cfm#hhtable>

**From:** Turner, Philip

**Sent:** Monday, August 10, 2015 2:03 PM

**To:** OBrien, Wendy; Rauscher, Jon; Wall, Dan; Black, Ned; Keteles, Kristen; McKean, Deborah

**Subject:** RE: King Gold - EU call

What source was used for sediment eco? We had previously mentioned TELs or PELs

Under eco: what is the "Water + Fish"? and how does this relate to the column of "Fish Ingestion?"

Thanks much!!

Phil

**From:** OBrien, Wendy .

**Sent:** Monday, August 10, 2015 8:32 AM

**To:** Turner, Philip; Rauscher, Jon; Wall, Dan; Black, Ned; Keteles, Kristen; McKean, Deborah

**Subject:** RE: King Gold - EU call

Here is the latest table. It needs review for all values, esp eco . We need to get this ready for

data review, which I expect sometime this morning, maybe midmorning (optimistically) or hopefully by noon.

Thx.

Wendy O'Brien, DVM, PhD, DABT

Toxicologist, Ecosystems Protection and Remediation

USEPA Region 8

1595 Wynkoop Street

Denver, CO 80202

Phone: 303.312.6712

FAX: 303.312.7151

**From:** Turner, Philip

**Sent:** Monday, August 10, 2015 6:56 AM

**To:** OBrien, Wendy; Rauscher, Jon; Wall, Dan; Black, Ned; McKean, Deborah

**Subject:** RE: King Gold - EU call

Hi Wendy,

I assume these GW screening levels are MCLs? I'm also curious what/why the changes to the livestock numbers. These are quite different than the others (from Canada). We can discuss this on our call this morning. Hopefully, you guys are available.

Phil

**From:** OBrien, Wendy

**Sent:** Sunday, August 09, 2015 7:10 PM  
**To:** Rauscher, Jon; Wall, Dan; Turner, Philip; Black, Ned; McKean, Deborah  
**Subject:** RE: King Gold - EU call

Yes – this will be for the public viewer, the one Eric Delgado is doing for R6.

Here is a consolidated table of screening values, please note agricultural values have been updated. We also need to confer with eco tox folks regarding eco screening levels.

Wendy O'Brien, DVM, PhD, DABT

Toxicologist, Ecosystems Protection and Remediation

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**From:** Rauscher, Jon  
**Sent:** Sunday, August 09, 2015 6:07 PM  
**To:** OBrien, Wendy; Wall, Dan; Turner, Philip; Black, Ned; McKean, Deborah  
**Subject:** RE: King Gold - EU call

Wendy,

Is the map with boxes for the public display of the data?

Thanks, Jon

**From:** OBrien, Wendy  
**Sent:** Sunday, August 09, 2015 7:03 PM  
**To:** Wall, Dan; Turner, Philip; Black, Ned; McKean, Deborah; Rauscher, Jon  
**Subject:** RE: King Gold - EU call

All,

We are preparing maps with call out boxes indicating concentrations of different metals at different stations along the river. For our initial go, we'd like to identify the top 4 metals folks would like to see, along with pH.

Please send me your top 4 metals you might be most interested in at this stage. Examples might be copper, manganese, arsenic, zinc, cadmium. There you go, I just identified more than 4. Please let me know your preference, as soon as you are able.

Thx.

wo

Wendy O'Brien, DVM, PhD, DABT

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**From:** Wall, Dan  
**Sent:** Sunday, August 09, 2015 4:24 PM  
**To:** Turner, Philip; Black, Ned; Delgado, Eric; Nattis, Randy; Hiatt, Gerald; McKean, Deborah; Keteles, Kristen; OBrien, Wendy; Rauscher, Jon  
**Cc:** David Crow; [Janine.Latham@WestonSolutions.com](mailto:Janine.Latham@WestonSolutions.com)

**Subject:** RE: King Gold - EU call

Sorry we didn't make it. Public meeting tonight and tomorrow night.

**From:** Turner, Philip  
**Sent:** Sunday, August 09, 2015 3:39 PM  
**To:** Black, Ned; Delgado, Eric; Nattis, Randy; Hiatt, Gerald; McKean, Deborah; Wall, Dan; Keteles, Kristen; OBrien, Wendy; Rauscher, Jon  
**Cc:** David Crow; [Janine.Latham@WestonSolutions.com](mailto:Janine.Latham@WestonSolutions.com)  
**Subject:** RE: King Gold - EU call

We had the call at 3 Central time. I was wondering why only Wendy from R8 called in.

You did not miss anything since even Wendy was only on for 2 minute.

We'll try again tomorrow, I guess.

Phil

**From:** Black, Ned  
**Sent:** Sunday, August 09, 2015 4:22 PM  
**To:** Delgado, Eric; Nattis, Randy; Hiatt, Gerald; McKean, Deborah; Wall, Dan; Keteles, Kristen; OBrien, Wendy; Rauscher, Jon; Turner, Philip  
**Cc:** David Crow; [Janine.Latham@WestonSolutions.com](mailto:Janine.Latham@WestonSolutions.com)  
**Subject:** RE: King Gold - EU call

Yo dudes, what happened to the 2 PM call? Did it happen at 1 PM? Is there also a call at 3PM?

ned black, ph.d.

us epa r9

regional cercla ecologist

415-972-3055

Please be advised I currently have limited access to email when I am not in the office (e.g., on travel), therefore please be patient with any communication delays.

**From:** Delgado, Eric

**Sent:** Sunday, August 09, 2015 12:57 PM

**To:** Nattis, Randy; Hiatt, Gerald; McKean, Deborah; Wall, Dan; Keteles, Kristen; OBrien, Wendy; Rauscher, Jon; Turner, Philip; Black, Ned

**Cc:** David Crow; [Janine.Latham@WestonSolutions.com](mailto:Janine.Latham@WestonSolutions.com)

**Subject:** King Gold - EU call

I think we need some of our START contractors in this call since they are coordinating the labs.

Thoughts?

**King Gold - EU call**

Scheduled: Sunday, Aug 9, 2015 from 3:00 PM to 4:00 PM

Location:

Invitees: Nattis, Randy, Hiatt, Gerald, McKean, Deborah, Wall, Dan, Keteles, Kristen, OBrien, Wendy, Rauscher, Jon, Turner, Philip, Black, Ned

Sent from my iPad